

Climatological Data for September, 1909.
DISTRICT No. 4, LAKE REGION.
Prof. HENRY J. COX, District Editor.

The month of September in Climatological District No. 4 was marked by no storms of exceptional severity, and the extremes of temperature were such as are usually experienced during this period.

TEMPERATURE.

Except in a few small areas the mean temperature was slightly below the normal for the season. The greatest average departures occurred over the southern portion of the Lower Peninsula of Michigan, northern Indiana, and northern Ohio, being -2.1° , -2.4° , and -2.9° , respectively. The month opened with low temperature, and frosts occurred generally from Ohio westward. These frosts were heavy in localities of Michigan, and killing at the more exposed stations of northern Wisconsin. After this cool period, the temperature gradually rose, and the maximum heat of the month was experienced in nearly all portions of the district on the 14th. During the last week of the month, the temperature was again low, and frosts occurred generally. Owing to the lateness of these general and severe frosts, no resulting damage of consequence was reported from any section of the district.

PRECIPITATION.

The precipitation was also below the normal for the month, being about two-thirds of the normal amount in all portions of the district, except in the extreme western Lake Superior region, where nearly normal conditions prevailed. The rainfall was well distributed throughout the month over the entire district, at intervals of about six days, the most extensive rainy periods occurring from the 10th to the 16th over the western and middle portions, and from the 23d to the 30th over the eastern sections. No twenty-four-hour rainfalls of 3 inches or more occurred at any station, and generally the greatest falls for this period were less than 2 inches.

Northern Indiana experienced the severest storm of the month, which occurred on the 21st to 23d, accompanied by high winds and thunderstorms. During the passage of this disturbance several small buildings in the vicinity of Fort Wayne were destroyed.

Nearly normal conditions prevailed as to cloudiness and sunshine.

